

QUALIFICATION SPECIFICATION							SECTION A	
QUALIFICATION DEVELOPER		Construction Industry Trust Fund						
TITLE		Certificate IV in Painting and Decorating				NCQF LEVEL		4
FIELD	Physical Planning and Construction			SUB-FIELD		Construction		
New qualification		Review of existing qualification						
SUB-FRAMEWORK		General Education		TVET	√	Higher Education		
QUALIFICATION TYPE		Certificate	√	Diploma		Bachelor		
		Bachelor Honours		Master		Doctorate/ PhD		
CREDIT VALUE						66		
RATIONALE AND PURPOSE OF THE QUALIFICATION								
RATIONAL								
<p>Government has identified high unemployment and poverty amongst youth as a national security risk, hence the need to train this section of the population in productive and income generating skills.</p> <p>Despite the country continuing to receive investments, these investments are biased towards capital intensive ventures. This situation has the inherent risk of unemployment continuing to surge, and the government, through its vital development policy paper, National Development Plan 11 (NDP 11), has identified areas of potential high employment uptake such as Building Construction, and has made a commitment to give these sectors extensive support with a view to making meaningful contribution the growth of the economy.</p> <p>Another policy document that makes mention of skills development as a vehicle towards inclusivity and provision of opportunities for all, is the Vision 2036 document under the of Human and Social Development (Pillar 2) which states that” Botswana society will be knowledgeable with relevant quality education that is outcome based, with emphasis on technical and vocational skills as well as academic competencies.”</p> <p>The construction trades, of which Painting and Decorating falls under, have been identified as some of the top occupations in demand for the future (HRDC, 2019).</p> <p>This qualification provides qualifying learners with the underlying Painting and Decoration knowledge, skills and values in order to become competent practitioners in the Construction Industry; be employed or self-employed within the industry and pursue further learning in specific areas of building and construction.</p>								
Purpose								
The purpose of this qualification is to equip learners with knowledge, skills and competencies to:								
<ul style="list-style-type: none"> • Interpret building drawings. • Paint different wall surfaces. • Decorate surfaces using different techniques. • Apply wallpaper hangings. • Glaze metal and wooden frames. • Perform sign writing. • Perform Screen printing. 								

ENTRY REQUIREMENTS (including access and inclusion)
<ul style="list-style-type: none"> • Certificate II, NCQF level 2 (General Education) • There shall be access through RPL and CAT in line with the National RPL and CAT Policies

QUALIFICATION SPECIFICATION		SECTION B
GRADUATE PROFILE (LEARNING OUTCOMES)	ASSESSMENT CRITERIA	
At the end of four months, learners undertaking this qualification should have completed the Learning Objectives below and been declared competent in their associated Assessment Criteria		
1.0 Apply the principles of Occupational Health and Safety in the Work Environment	1.1 Identify hazards in the Workplace 1.2 Assess possible risks in the workplace 1.3 Practice Good Housekeeping 1.4 Wear Appropriate Personal Protective Equipment	
2.0 Demonstrate knowledge and understanding of principles of building construction technology.	2.1 Identify complementary colours in the colour wheel 2.2 Mix primary colours to make secondary and tertiary colours 2.3 Identify different types of paints and their drying process 2.4 Distinguish oil-based paints from water-based paints 2.5 Identify appropriate tools and equipment for painting different types of surfaces 2.6 Identify types of defects and their causes and treatment 2.7 Identify suitable colour for different spaces 2.8 Interpret industry standards and specifications to avoid industry defects	
3.0 Apply paint to various surfaces.	3.1 Prepare new and previously painted surfaces in accordance with the industry standards 3.2 Identify and treat defects (paint defects, surface defects) 3.3 Paint is applied to different types of new surfaces according to industry standards. 3.4 Apply three levels of paint system. Paint different surfaces 3.6 Apply texture paints on new surface according to industry standards	
4.0 Use spray devices to paint different surfaces	4.1 Differentiate types of spray guns used for painting. 4.2 Differentiated types of Air compressors used for painting. 4.3 Use compressed and airless sprays on different surfaces.	

<p>5.0 Perform decorative effects on different surfaces</p>	<p>5.1 Designing and cutting of stenciling is carried out according to industrial standard. 5.2 Carry out different decorative effects according to industrial standard. 5.3 Finish surfaces using marbling, graining and splashing techniques.</p>
<p>6.0 Hang wall papers to walls and ceilings</p>	<p>6.1 Identify and treat Paper hanging defects. 6.2 Identify and treat Surface defects. 6.3 Use Different Folding techniques. 6.4 Check and match wallpaper batch numbers, patterns and shades. 6.5 Wallpaper is pasted and hang according to industry standards 6.6 Identify the correct paper type for different surfaces (light duty vs heavy duty). 6.7 Apply wallpaper to previously papered surfaces. 6.8 Hanging wallpaper to ceilings. 6.9 Hanging wallpaper to the wall.</p>
<p>7.0 Fit domestic glazing on metals and wooden frames</p>	<p>7.1 Identify different types of frames. 7.2 Follow correct Procedure for replacement of broken panes. 7.3 Measure and cut glass according to standards. 7.4 Glaze different types of frames according to industrial standards.</p>
<p>8.0 Perform sign writing and screen printing</p>	<p>8.1 Apply principles of sign and screen printing. 8.2 Identify different types of lettering. 8.3 Identify different stencil materials for silk screen printing. 8.4 Draw Various signs. 8.5 Design and cut stencil. 8.6 Lettering according to industrial standard.</p>
<p>9.0 Demonstrate knowledge of Entrepreneurial principles in the workplace</p>	<p>9.1 Plan for given work assignments 9.2 Solve problems creatively in the workplace 9.3 Mobilise people and resources to execute tasks 9.4 Create value through implementation of innovative ideas</p>

QUALIFICATION STRUCTURE			
			SECTION C
FUNDAMENTAL COMPONENT	Title	Level	Credits
Subjects / Units / Modules /Courses		3	3
	General Health, Safety and Welfare in The Workplace	4	2
	Read and Interpret Plans and Specifications	4	3
	Work Safely at Heights		
	Total		8
CORE COMPONENT			
Subjects / Units / Modules /Courses	Introduction to Colour Theory	3	3
	Painting Techniques	3	3
	Painting and Decorating Materials	3	2
	Prepare Surfaces for Painting	4	3
	Paint by Brush and Roller	4	4
	Texture Coat Paint Finishes by Brush, Roller and Spray	4	4
	Protective Paint Coating Systems	4	5
	Spray Painting	4	5
	Timber Finishes	4	4
	Decorative Effects	4	3
	Hang Wallpaper	4	5
	Fit Domestic Glazing	4	4
	Elementary Sign Writing	4	3
	Introductory Screen Printing	4	3
	Use Maintain and Store Tools and Equipment	3	2
Total			53
ELECTIVE COMPONENT			
Subjects / Units / Modules /Courses	Advanced Wallpaper Techniques	4	5
	Advanced Decorative Paint Finishes	4	5
	Erect and Maintain Trestle and Plank Systems	4	5
	Quantify Painting Materials	4	5
			5

Rules of combinations, Credit distribution (where applicable):

The qualification consists of Fundamental, Core and elective Components.

To be awarded the Qualification learners are required to obtain a minimum of 66 credits as detailed below.

Fundamental Components:

The Fundamental components consist of foundational knowledge in Painting and Decorating to the value of **8** credits all of which are compulsory

Core Components:

The core components consist of modules containing applied knowledge and practical skills to the value of **53** credits which are compulsory.

Elective Components:

Learners are to choose an elective module to the value of at least 00 credits so as to attain a minimum of **5** credits for the qualification.

Modules	Fundamental	Core	Elective
<i>Level 3</i>	3	10	0
<i>LEVEL 4</i>	5	43	5
<i>Level 5</i>	0	0	5
Total Credit	8	53	5
Total Credit Value			66

ASSESSMENT AND MODERATION ARRANGEMENTS

All assessments leading/contributing to the award of credits or a qualification shall be based on learning outcomes and/or sub-outcomes.

1. Formative assessment

Formative or continuous assessment would be conducted to inform teaching and learning and establish the learner's level of readiness for progression to the next learning unit or module.

Formative assessment shall constitute 60% of the Final Mark

2. Summative assessment

Internal summative assessments shall be carried out in accordance all applicable examination rules, and the weighting of the assessment shall constitute 40% of the Final Mark

All assessment shall be carried out by BQA registered and accredited Assessors

3. Moderation

There shall be internal and external moderation carried out by BQA registered and accredited Moderators

RECOGNITION OF PRIOR LEARNING (if applicable)

Candidates may submit evidence of prior learning and current competence and/or undergo appropriate forms of RPL assessment for the award of credits towards the qualification in accordance with applicable RPL policies and relevant national-level policy and legislative framework.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Articulation and Education Pathways

Horizontal Articulation:

- Certificate IV in Interior Decoration
- Certificate IV in Screen Printing

Vertical Articulation:

- Certificate V in Painting and Decorating
- Certificate V in Wall Coatings
- Diploma in Construction

Employment Pathways

Learners who attain this qualification will have competencies and attributes to work as:

- Painter
- Interior Decorator

QUALIFICATION AWARD AND CERTIFICATION

To be awarded this qualification, the candidate must have met the following requirements:

- All exit level outcomes
- Minimum credit requirements

Certification

Upon completion of the qualification the candidate will be awarded a Certificate IV in Painting and Decorating

REGIONAL AND INTERNATIONAL COMPARABILITY

Below is a brief analysis of the qualifications that this qualification was benchmarked against:

South Africa

Tjeka Training Matters in South Africa offers South African Qualifications Authority (SAQA) registered qualification called **National Certificate: Construction Painting** at NQF Level 3, and a credit weighting of 120. Exit Level Outcomes include:

- prepare and prime surfaces
- paint surfaces
- apply special surface coatings
- apply wallpaper
- apply industrial protective coatings
- select materials, tools and equipment

This qualification has been developed for mobility across similar trades within the industry and is intended to allow for further learning towards supervisory and management qualifications within this and other sectors. This qualification builds on other certificates from a range of sub-sectors and will provide articulation with a range of qualifications in both technical and management areas.

Scotland

The North East Scotland College (NESCol) has a **SCQF Level 4 Painting and Decorating**, that takes approximately 13 weeks to complete. Exit Level Outcomes include:

- Preparing Walls
- Painting walls and woodwork
- Wallpapering
- Paint effect finishes
- Colour schemes.

Learners completing this qualification would have achieved an SQA Unit.

New Zealand

The Northland Polytechnic in Zealand offers a Level 4 **New Zealand Certificate in Painting and Decorating**, which has between 170 – 270 Credits. The purpose of this qualification is to provide the painting and decorating sector with trades people capable of providing leadership while unsupervised, to complete specific painting and decorating work to the level required of a commercially competent trades person.

Outcomes include:

- Architecture and Building
- Building
- Painting
- Decorating Sign Writing
- Finishes

Comparability

The proposed qualification generally compares well with the qualification studied since the exit outcomes cover similar scope and depth and are aligned to exit-level descriptors typical of this level and as done within the region and beyond as well as competencies required for registration and accreditation with regulatory bodies.

There is a marked disparity of the credit weighting between this qualification and those it was compared with, especially with the qualification from New Zealand. This could be attributed to peculiar differences of qualifications frameworks.

However, what sets it apart from the qualifications examined is that there is provision for development of attributes such as effective communication and mathematical literacy, which are critical for basic entrepreneurship.

REVIEW PERIOD

The qualification shall be reviewed after 5 years or when the need arises.